

AMENDMENTS TO THE CLAIMS

The following claim listing replaces all prior listings and versions of the claims:

Listing of Claims:

1. (Currently Amended) A method for measuring reaction results of a sample using a biosensor ~~comprising~~ having two working electrodes and one reference electrode, comprising the ~~steps of:~~

sequentially supplying the respective working electrodes with a power supply voltage;

sequentially detecting ~~the amounts~~ an amount of current flowing in ~~the respective each~~ working electrode of the two working electrodes by virtue of the supplied power supply voltage;

re-supplying the two working electrodes with the power supply voltage ~~to re-detect and~~ measuring the amounts amount of current flowing in ~~the respective each working electrode of the~~ two working electrodes;

reading concentrations corresponding to the ~~amounts~~ amount of current ~~detected~~ from a memory [[,]] and calculating an average value from the read concentrations; and

checking whether ~~or not~~ the concentrations read from the memory are within a predetermined critical range to display at least one of an error message ~~or~~ and the calculated average value.

2. (Currently Amended) The method for measuring reaction results of a sample as set forth in claim 1, further comprising ~~the steps of:~~

determining whether or not an error is generated, by measuring a time interval from when the an amount of current flowing in the a first working electrode is detected to when the the an amount of current flowing in the a second working electrode is detected and by measuring the respective ~~amounts~~ amount of current detected; and

displaying the generated error.

3. (Currently Amended) An apparatus for measuring reaction results of a sample using a biosensor ~~comprising~~ having two working electrodes and one reference electrode, comprising:

~~one or more~~ at least one operational amplifier ~~amplifiers for detecting the amounts that detects an amount~~ of current flowing in the respective working electrodes and ~~outputting the amounts outputs an amount~~ of current as voltage values, wherein a non-inverting ~~terminals~~ terminal of the ~~respective operational amplifiers-being~~ amplifier is connected to a voltage source[[,]] and an ~~inverting~~ terminals terminal of the ~~respective operational amplifiers-being~~ amplifier is connected to ~~one-side of each of switches~~ a first switch;

a second switch ~~for grounding~~ that selectively grounds the reference electrode of the biosensor;

a third switch ~~for grounding~~ that selectively grounds one of the two working electrodes of the biosensor;

a display ~~for displaying~~ that displays at least one of reaction results of the sample and an error message; and

a microprocessor, the microprocessor controlling at least one of the first, the second and the third switch ~~the switches~~ to supply the two working electrodes with a power supply voltage, examining whether ~~or not~~ the sample reaches the two working electrodes, controlling at least one of the first, the second and the third switch ~~the switches~~ to resupply the two working electrodes with the power supply voltage, reading ~~the~~ concentrations corresponding to detected voltage values, calculating an average value from the read concentrations, comparing the average value with ~~the respective concentrations~~ a predetermined critical range, and displaying at least one of an error message ~~or~~ and the calculated average value.

4. (New) The method for measuring reaction results of a sample as set forth in claim 1, further comprising checking whether the sample is properly inserted.

5. (New) The method for measuring reaction results of a sample as set forth in claim 4, further comprising displaying an error message when the sample is not properly inserted.

6. (New) The method for measuring reaction results of a sample as set forth in claim 1, further comprising providing an incubation time before resupplying the two working electrodes with the power supply voltage.

7. (New) The method for measuring reaction results of a sample as set forth in claim 2, further comprising comparing the amount of current flowing in the first working electrode to the

amount of current flowing in the second working electrode.

8. (New) The method for measuring reaction results of a sample as set forth in claim 2, further comprising checking whether the time interval is within a predetermined critical range.

9. (New) The apparatus for measuring reaction results of a sample as set forth in claim 3, further comprising a memory having a table of concentrations corresponding to the voltage values or amount of current detected from the two working electrodes.